

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

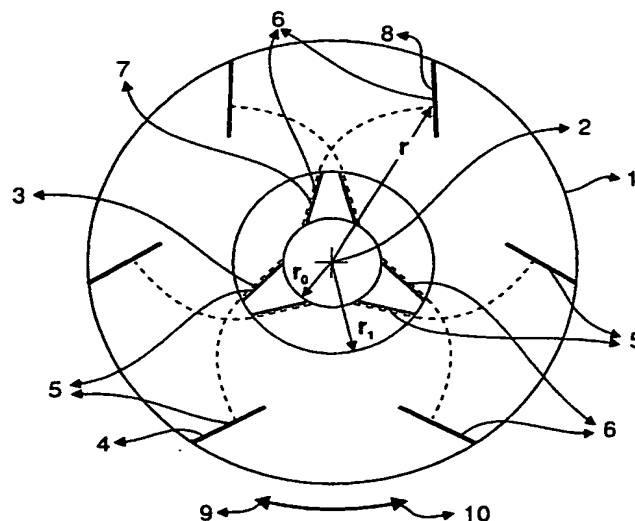
(19) World Intellectual Property Organization
International Bureau(43) International Publication Date
29 March 2001 (29.03.2001)

PCT

(10) International Publication Number
WO 01/21313 A1

- (51) International Patent Classification⁷: B02C 13/18
- (21) International Application Number: PCT/NL00/00668
- (22) International Filing Date:
19 September 2000 (19.09.2000)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
99203080.9 20 September 1999 (20.09.1999) EP
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- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).
- Published:
— With international search report.
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: DEVICE FOR SYNCHRONOUSLY AND SYMMETRICALLY MAKING MATERIAL COLLIDE



(57) Abstract: A synchrocrusher for making a material collide in which the rotor is designed with a symmetric configuration; that is, the rotor contains equal numbers of respectively forward and backward directed guide members and co-rotating impact members which are arranged, as associated (synchronized) pairs, in each direction of rotation; which pairs are circumferentially disposed uniformly at equal angular distances around the axis of rotation with the forward and backward directed configurations mirror imaged (symmetrically) to each other. By combining or joining together pairs of respective forward and backward directed guide and co-rotating impact members, in respective guide and impact combinations and guide and impacts units, a supersymmetry configuration is achieved, which is very effective and allows for many interesting synchrocrusher configurations.

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